940 Warehouse Shipping Order

X12/V3040/940

Version: 1.0

Company:	**Simplot Australia**
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Notes:	edi.australia.support@simplot.com

Table of Contents

940 Warehouse Shipping Order

Functional Group=OW

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	W05	Shipping Order Identification	M	1		N1/020	Must use
LOOP ID - 0100					**10**		
040	N1	Name	M	1		N1/040	Must use
060	N3	Address Information	O	2		N1/060	Used
090	N9	Reference Number	O	10			Used
110	G62	Date/Time	O	10			Used
120	NTE	Note/Special Instruction	O	20		N1/120	Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
020	W01	Line Item Detail - Warehouse	O	1		N2/020	Used
030	G69	Line Item Detail - Description	O	5		N2/030	Used
040	N9	Reference Number	O	200			Used
LOOP ID - 0320					**>1**	**N2/140L**	
140	LX	Assigned Number	O	1		N2/140	Used
150	N9	Reference Number	O	>1		N2/150	Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	W76	Total Shipping Order	O	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Must use

Notes:

1/020   To transmit identifying numbers and other basic data for this transaction set

1/040   Used to specify entities for the whole pick slip

1/060   Optional free format address information.
This may be called twice for each N101 to allow up to 4 lines of 35 character free format address information.
This is only applicable for N101=ST.

1/120   Used to display up to ten lines of order text

2/020   To transmit basic and most frequent shipment related line item data elements

2/030   Describes the item in free format text

2/140L   The LX loop conveys serial number data.

2/140   Used to show order line text

2/150   Used within LX loop to display Line text

3/010   To specify summary details of total items shipped in terms of quantity, weight and volume

Simplot Example:

```
ST\940\12345|
W05\N\5643862\ABC12345\|9999999|
N1\CQ\Corporate Office|
N1\BT\Bill To Party\91\234567|
N1\SF\Ship From Party\91\AB|
N1\CA\Carrier\91\123456|
N1\ST\Ship To Party\91\234567|
N3\Address Information\State & Postcode|
N9\WP\1234567|
N9\RU\\Route Code|
N9\FN\123|
N9\LO\0|
G62\10\230203\\\\20|
G62\02\230203\\\\20|
G62\BB\230201\\\\20|
NTE\ORI\Please? acknowledge? P/O? advise? o/stocks|
W01\1\CT\\VP\40000\LT|
G69\ED Beans Sliced 6x2kg|
N9\LI\1.000|
N9\ZZ\ \000:000:100:0000-00-00|
W01\24\CT\\VP\41111\LT|
G69\ED Brussel Sprouts 6x2kg|
N9\LI\2.000|
N9\ZZ\ \000:002:000:0000-00-00|
W01\12\CT\\VP\70000\LT|
G69\CK Chiko Rolls 6x2kg|
N9\LI\3.000|
N9\ZZ\ \000:001:000:0000-00-00|
W01\1\CT\\VP\88888\LT|
G69\CC Fish Battered 24x110g|
N9\LI\5.000|
N9\ZZ\ \000:000:100:0000-00-00|
W01\8\CT\\VP\77777\LT|
G69\CF FlyCkd Beef Meatballs 5x1kg|
N9\LI\6.000|
N9\ZZ\ \000:000:800:0000-00-00|
W01\12\CT\\VP\49999\LT|
G69\ED Peas 6x2kg|
N9\LI\7.000|
N9\ZZ\ \000:001:000:0000-00-00|
W01\12\CT\\VP\12345\LT|
G69\ED Chunky Avocado Pulp 8x454g|
N9\LI\8.000|
N9\ZZ\ \000:000:119:0000-00-00|
W01\10\CT\\VP\07777\LT|
G69\CF Schnitzel Chicken 23x125g|
N9\LI\9.000|
N9\ZZ\ \000:000:999:0000-00-00|
SE\49\12345|
```

ST   Transaction Set Header

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set.

Code List Summary (Total Codes: 236, Included: 1)

Code	Name
940	X12.189 Warehouse Shipping Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

W05 Shipping Order Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use
Purpose: To transmit identifying numbers and other basic data for this transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0501	473	**Order Status Code**	M	ID	1/1	Must use

Description: Code identifying purpose of transaction set.

Code List Summary (Total Codes: 11, Included: 2)

Code	Name
G	Changes to Other than Line Items
N	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0502	285	**Depositor Order Number**	M	AN	1/22	Must use

Description: Identifying number for warehouse shipping order assigned by the depositor.

Simplot Note: *Number for customer order assigned by depositor*

Simplot Order Number (8,0 numeric)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0503	324	**Purchase Order Number**	O	AN	1/22	Used

Description: Identifying number for Purchase Order assigned by the orderer/purchaser.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0505	474	**Master Reference (Link) Number**	X	AN	1/22	Used

Description: Reference number assigned by the sender to relate a transaction set to a master transaction. (When associating a group of purchase orders, invoices or other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group.)

Simplot Note: *Simplot Shipment Number (8,0 numeric)*

Loop Name

Pos: 040	Repeat: 10
Mandatory	
Loop:	**Elements:**
0100	**N/A**

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
040	N1	Name	M	1		Must use
060	N3	Address Information	O	2		Used
090	N9	Reference Number	O	10		Used
110	G62	Date/Time	O	10		Used
120	NTE	Note/Special Instruction	O	20		Used

N1 Name

<table>
<tr><td>Pos: 040</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop:</td><td>Elements: 4</td></tr>
<tr><td>0100</td><td></td></tr>
</table>

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/2	Must use

Description: Code identifying an organizational entity, a physical location, or an individual

Code List Summary (Total Codes: 687, Included: 5)

Code	Name
BT	Bill-to-Party
CA	Carrier
CQ	Corporate Office
SF	Ship From
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/35	Used

Description: Free-form name.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67).

Code List Summary (Total Codes: 138, Included: 1)

Code	Name
91	Assigned by Seller or Seller's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/17	Used

Description: Code identifying a party or other code.

Simplot Note: *If N101 = BT   Simplot sell to JDE customer number (8,0 numeric)*

If N101 = CA   Carrier number (8,0 numeric)

If N101 = SF   Simplot warehouse number (2 character)

If N101 = ST   Simplot ship to JDE number (8,0 numeric)

N3 Address Information

Pos: 060	**Max: 2**
Heading - Optional	
Loop:	**Elements: 2**
0100	

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/35	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/35	Used
		Description: Address information				

N9 Reference Number

<table>
<tr><td>Pos: 090</td><td>Max: 10</td></tr>
<tr><td colspan="2" align="center">Heading - Optional</td></tr>
<tr><td>Loop:
0100</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Number Qualifier**	M	ID	2/2	Must use

Description: Code qualifying the Reference Number.

Code List Summary (Total Codes: 859, Included: 4)

Code	Name
FN	Forwarder's/Agent's Reference Number
LO	Load Planning Number
RU	Route Number
WP	Warehouse Pick Ticket Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Number**	X	AN	1/30	Used

Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N903	369	**Free-form Description**	X	AN	1/45	Used

Description: Free-form descriptive text.

G62 Date/Time

<table>
<tr><td>Pos: 110</td><td>Max: 10</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop:
0100</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Used

Description: Code specifying type of date.

Code List Summary (Total Codes: 127, Included: 3)

Code	Name
02	Delivery Requested on This Date
10	Requested Ship Date/Pick-up Date
BB	Transaction Control Date

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6202	373	**Date**	X	DT	6/6	Used

Description: Date (YYMMDD).

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6203	176	**Time Qualifier**	X	ID	1/1	Used

Description: Code specifying the reported time.

Code List Summary (Total Codes: 36, Included: 1)

Code	Name
Z	Requested Delivery Time

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6204	337	**Time**	X	TM	4/8	Used

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6206	624	**Century**	O	N0	2/2	Used

Description: The first two characters in the designation of the year (CCYY).

NTE   Note/Special Instruction

Pos: 120	Max: 20
Heading - Optional	
Loop: **0100**	**Elements: 2**

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code**	O	ID	3/3	Used

Description: Code identifying the functional area or purpose for which the note applies.

Code List Summary (Total Codes: 57, Included: 1)

Code	Name
ORI	Order Instructions

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE02	3	**Free Form Message**	M	AN	1/60	Must use

Description: Free-form text.

Loop Line Item Detail - Warehouse

Pos: 020	**Repeat: >1**
Optional	
Loop:	**Elements:**
0300	**N/A**

User Option (Usage): Used

Purpose: To transmit basic and most frequent shipment related line item data elements

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
020	W01	Line Item Detail - Warehouse	O	1		Used
030	G69	Line Item Detail - Description	O	5		Used
040	N9	Reference Number	O	200		Used

W01 Line Item Detail - Warehouse

Pos: 020	**Max: 1**
Detail - Optional	
Loop: 0300	**Elements: 6**

User Option (Usage): Used

Purpose: To transmit basic and most frequent shipment related line item data elements

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0101	330	**Quantity Ordered**	M	R	1/9	Must use

Description: Quantity ordered.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0102	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 719, Included: 3)

Code	Name
CT	Carton
EA	Each
KG	Kilogram

> **Simplot Note:**
>
> *Simplot expect the 940 Pick Slip W0102 element UOM sent to the 3PL to be matched by the 945 Pick Slip Confirmation*
> *(element W1205 in segment W12)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0104	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Code List Summary (Total Codes: 307, Included: 1)

Code	Name
VP	Vendor's (Seller's) Part Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0105	234	**Product/Service ID**	X	AN	1/30	Used

Description: Identifying number for a product or service.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0106	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234).

Code List Summary (Total Codes: 307, Included: 1)

Code	Name
LT	Lot Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0107	234	**Product/Service ID**	X	AN	1/30	Used

Description: Identifying number for a product or service.

G69 Line Item Detail - Description

Pos: 030	Max: 5
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): Used

Purpose: To describe an item in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6901	369	**Free-form Description**	M	AN	1/45	Must use

Description: Free-form descriptive text.

N9 Reference Number

<table>
<tr><td>Pos: 040</td><td>Max: 200</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop:
0300</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Used

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Number Qualifier**	M	ID	2/2	Must use

Description: Code qualifying the Reference Number.

Code List Summary (Total Codes: 859, Included: 2)

Code	Name
LI	Line Item Identifier (Seller's)
ZZ	Mutually Defined

N902	127	**Reference Number**	X	AN	1/30	Used

Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

N903	369	**Free-form Description**	X	AN	1/45	Used

Description: Free-form descriptive text.

Simplot Note: *If N901 = ZZ   Pallets/layer/cartons/best before date*

Best before date format = yyyy-mm-dd

Loop Assigned Number

Pos: 140	**Repeat: >1**
	Optional
Loop:	**Elements:**
0320	**N/A**

User Option (Usage): Used

Purpose: To reference a line number in a transaction set.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
140	LX	Assigned Number	O	1		Used
150	N9	Reference Number	O	>1		Used

LX   Assigned Number

Pos: 140	**Max: 1**
Detail - Optional	
Loop:	**Elements: 1**
0320	

User Option (Usage): Used

Purpose: To reference a line number in a transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use

> **Description:** Number assigned for differentiation within a transaction set.

N9   Reference Number

Pos: 150	**Max: >1**
Detail - Optional	
Loop:	**Elements: 2**
0320	

User Option (Usage): Used

Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Number Qualifier**	M	ID	2/2	Must use

Description: Code qualifying the Reference Number.

Code List Summary (Total Codes: 859, Included: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N903	369	**Free-form Description**	X	AN	1/45	Used

Description: Free-form descriptive text.

Simplot Note: *Simplot line item text (45 alpha)*

W76 Total Shipping Order

Pos: 010	**Max: 1**
Summary - Optional	
Loop: N/A	**Elements: 1**

User Option (Usage): Used

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W7601	330	**Quantity Ordered**	M	R	1/9	Must use

Description: Quantity ordered.

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set